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(71) Applicant (for all designated States except US): **MIL-LENNIUM CHEMICALS, INC.** [US/US]; Two Greenville Crossing, 4001 Kennett Pike, Suite 238, Greenville, DE 19807 (US).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **STRATTON, John** [GB/GB]; 59 Seaford Road, Cleethorpes, N.E. Lincolnshire DN35 0NE (GB).

(74) Agents: **LE COUPANEC, Pascale** et al.; Nony & Partners, 3 rue de Penthièvre, F-75008 Paris (FR).

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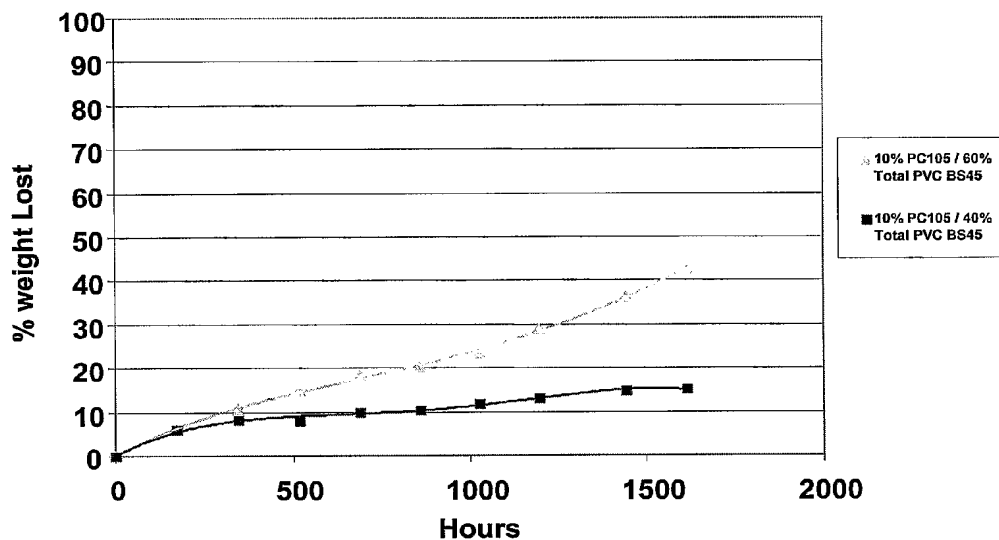
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(54) Title: COMPOSITION USEFUL FOR PROVIDING NOX REMOVING COATING ON MATERIAL SURFACE



(57) Abstract: The presente invention relates to a composition having photocatalytic selfcleaning properties for use as a NO_x removing coating on material surface, comprising at least: a) photocatalytic titanium dioxide particles having at least a de-NO_x activity, b) particles having a de-HNO₃ activity, c) an opacifying agent, and d) a silicon based-material in which said particles are dispersed, wherein said photocatalytic particles have a crystalline size ranging from 1 to 50 nm.

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A. CLASSIFICATION OF SUBJECT MATTER

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 C03C23/00 C04B41/00 C04B41/45 C04B41/52

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

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X	EP 1 074 525 A (NIPPON SHEET GLASS CO., LTD) 7 February 2001 (2001-02-07) the whole document	1-17
X	DE 198 58 933 A1 (HARTWIG, GERALD) 15 June 2000 (2000-06-15) the whole document	1-17
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European Patent Office, P.B. 5818 Patentlaan 2
 NL - 2280 HV Rijswijk
 Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
 Fax: (+31-70) 340-3016

Authorized officer

Glomm, B

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